

Single Channel Subtitle Pass-through Systems

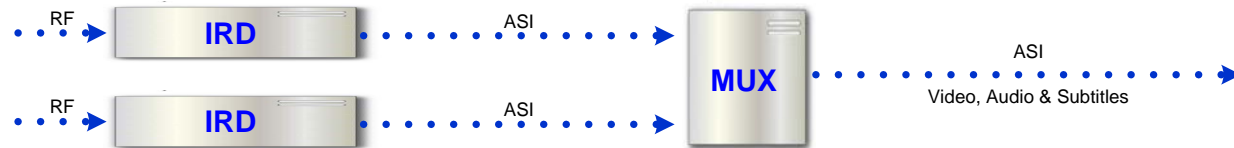
The R4000 provides a cost effective solutions for single channel pass through where subtitles need to be transcoded, re-timed or reinserted into the Transport Stream. Both ASI (R4000) and IP (R4000i) stream interfaces are supported.

Four possible configurations of pass-through channels are show. Contact Screen for details on other configurations.

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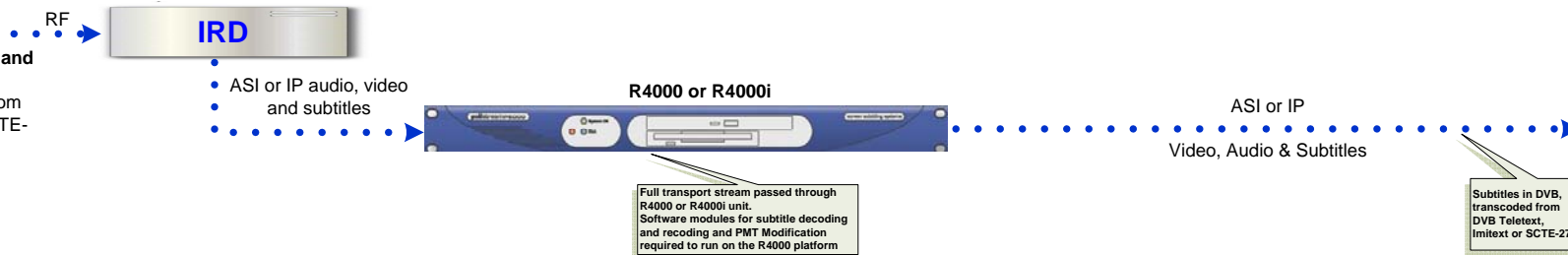
Direct re-multiplexing.

DVB, DVB Teletext or Imtext subtitles are re-multiplexed into stream. No additional equipment required



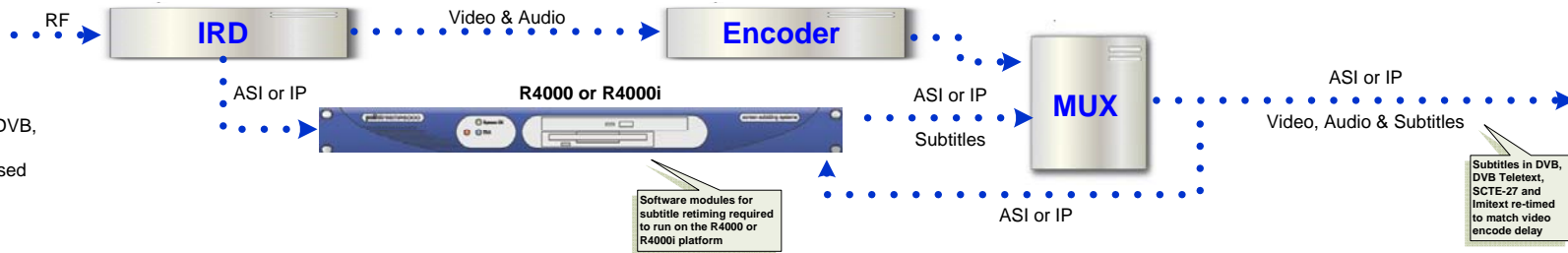
Subtitle format transcode and re-multiplex.

Subtitle data is converted from DVB Teletext, Imtext or SCTE-27 (Digicipher II) into DVB Bitmap subtitles. The new subtitles are re-timed and inserted at the Mux.



Video decode and recode.

The Video and audio are decoded and recoded. This introduces a delay and the DVB, DVB Teletext, SCTE-27 or Imtext subtitles are not passed with the video.



Decode and recode and subtitle format conversion.

The Video and audio are decoded and recoded. In addition Subtitle data is converted from DVB Teletext, Imtext or SCTE-27 into DVB Bitmap subtitles. The new subtitles are re-timed and inserted at the Mux.

